

**1. CONCRETE MIX QUANTITY FORMULA:**

Use the following example as a guideline when ordering concrete.

If you are replacing a slab 15' long, 12' wide, and 8" (approx. 0.667') deep you will divide the product of length, width, and depth by 27:

$15' \times 12' \times 0.667' \text{ divided by } 27 = 4.45 \text{ yards}$

In this example you should order 5 yards; having more concrete available is better than ending up short. **As a rule of thumb order 10 percent more than estimated.**

Note: Depth will be determined ahead by coring when slab is presawn.

Divide depth (in inches) by 12 to convert to feet.

Notes:

2. PROPERTIES YOUR CONCRETE MIX NEEDS TO HAVE:

- A. 400 PSI flexural strength at the time of opening to traffic
- B. 30 minutes workability after concrete comes down the chute

Notes:

3. LIST OF ITEMS YOU SHOULD EXPECT TO SEE ON THE MIX TICKET:

- A. 8 - 8.5 sacks of cement per cubic yard
- B. 0.3 - 0.35 : 1 water cement ratio
- C. A super plasticizer
- D. A hydration control agent
- E. An accelerator

Notes:

4. GOT CONCRETE MIX QUESTIONS?

If you have any questions regarding the concrete mix design contact:

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Notes: